

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: July 26, 2005

Inspector: Don Ukers

Location: 345kV XLPE Component

Storm/

Rain Event: Between 0.55-1.53" of rain was recorded over 7/21-7/22 with possibly higher localized totals as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Access Roads and Adjacent Roadways	-The jack and bore of East Swamp Brook is accessed from the roadway and along an access area from the ball field. 7/26/06.	- Equipment is still located on both sides of the bore but is beginning to demobilize. 7/26/06.	- Not applicable (N/A)
	- No obvious sediment tracking was present on the roadway but silt fence is up along some ruts noted in the ballpark yard. 7/5-7/26/06	- The adjacent area will be restored when access is complete. Monitor tracking on the roadway. 6/20-7/26/06	-See erosion control section
	- Vault access continues to be necessary in a few locations. 7/12-7/26/06	- None at this time. 7/26/06	- N/A
	- The restored slope along Whittlesey Dr. continues to revegetate. 7/26/06	-Continue to monitor for final stabilization. 7/26/06	-N/A
	-Timber swamp mats remain in place at the Hoyts Hill access off Rt. 58. This is not for 345kV XLPE work.6/20-7/26/06	- 345kV XLPE crews will restore the area and remove stone when applicable, following the access needs. Do not access without mats in place. 7/26/06	- Needs attention when work is complete.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Trench and foundation construction	- Work at the jack and bore of East Swamp Brook is almost complete. The bore is complete but machinery continues to work on the receiving pit to connect the bore to the system. 7/26/06	- The stream appeared to be in good condition with clear water and a natural stream bed. 7/26/06	-Streambanks were restored
	- Streambanks were restored with erosion control matting. 7/26/06	-See erosion control section for more information. 7/26/06	- N/A at this time
	- Repair of guardrails and miscellaneous tasks along Rt 58 remain. 7/26/06	- None at this time. 7/26/06	-N/A
	-Vaults were being accessed to pull cable between several locations. 5/25-7/26/06	- None at this time. 7/26/06	- N/A
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Silt fence is in good shape at vault 2A&B. Adjacent areas are well restored and vegetative cover continues to establish. 7/12-7/26/06	- Continue to monitor but the restoration efforts were good and grass is growing. 7/26/06	-Vegetative growth was noted
Jack and Bore	-Work is wrapping up here. Banks were restored with erosion control blankets. 7/26/06	- Banks were graded were necessary, seeded and mulched prior to installing the blankets. 7/26/06	-Banks were restored and reinforced with blankets
	- Silt fence along the receiving pit bank was in good shape. 7/26/06	- Continue to monitor while equipment works in this area. 7/26/06	- Silt fence was repaired
	- Minor repairs are needed to the silt fence along the ball park access 7/26/06	- Repair as necessary. The adjacent area will be restored when work is complete. 7/26/06	- Needs attention when feasible
	- The sheet piling remains up at the receiving pit. 7/26/06	-The stream was still running clear at the time and the bed has been restored. 7/26/06	- N/A
		-Continue to monitor. If	

Areas of Inspection	Observation	Recommended Action	Corrective Action
Whittlesey Dr and Judd Ave Hoyts Hill	<ul style="list-style-type: none"> - The repaired slope along Whittlesey Dr. remains in good shape. 7/26/06 - Vault access continues on previously restored areas and vault 5 is one of the few remaining areas to restore. 7/26/06 - Mats remain the base of slope at Hoyts Hill. 345kV crews will be restoring this area when access is complete. 7/5-7/26/06 	<ul style="list-style-type: none"> vegetation can establish before the next significant storm it should stabilize. 7/12-7/26/06 - Continue to monitor and restore as new access finishes up. 7/26/06 -When access needs are complete, restore and allow wetland vegetation to return. All stone and gravel will have to be removed carefully and then high organic content soil should be placed here. Do not fill over the gravel. 7/5-7/26/06 	<ul style="list-style-type: none"> - Grass growth was noted. - N/A -N/A until access is done.
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> -Work in East Swamp Brook under ACOE clearance is almost complete. Banks have now been restored 7/26/06 	<ul style="list-style-type: none"> - Continue to monitor and ensure that banks stabilize with vegetative cover. Blankets are in place. 7/26/06 	<ul style="list-style-type: none"> -Banks were restored
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> -The D&M plan and clearance letter states that state-listed species are not located in this work area. -The wood turtle was noted at Plumtree Substation during the 5/25/06 inspection. 	<ul style="list-style-type: none"> - N/A -345kV XLPE crews should also be performing daily walkthroughs before moving equipment if working in this vault. Be vigilant when moving equipment. 4/26-7/26/06 	<ul style="list-style-type: none"> -N/A - Crews were informed
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> - Other restored areas had noticeable grass growth. Roadside areas along Rt 58 were restored. 7/26/06 - The area near vault 5 and adjacent to the ballpark remain to be restored. 7/12-7/26/06 	<ul style="list-style-type: none"> - Continue to monitor for final stabilization and restore any recently accessed areas if necessary. 7/26/06 - These areas will be restored when access needs are complete. 7/5-7/26/06 	<ul style="list-style-type: none"> - N/A - N/A until access needs are complete

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	- The jacking pit pad will also need restoration when work is complete. 7/26/06	- Restore when feasible. 7/26/06	-N/A at this time
Dewatering	- Dewatering system from well points at the jack and bore continue while the system is connected at the receiving pit. 7/26/06	- Continue to use all necessary controls. 6/7-7/26/06	- N/A
Blasting	- No blasting is occurring at this work area.	- None at this time.	-N/A
Soils	- Topsoil remains stripped and stockpiled at the contractor yard. 3/15-7/26/06	- None at this time. Controls are well installed here. 3/15-7/26/06	- N/A
Spills and Material Storage Areas	- Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-7/26/06 - The crane set up area was mostly demobilized at this time. 7/26/06	- Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.	-N/A at the time

Next likely scheduled inspection:

Thursday August 3, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden for Don Ukers



345kV XLPE: Photo shows the work continuing at the receiving pit of the Jack and Bore to complete the system. The stream bank was restored with erosion control blankets and silt fence was in good shape at the top of slope. 7/26/06



Photo on the left shows the silt fence along the means of access to the stream. The fence should be maintained due to the adjacent, disturbed soil. This area will be restored when work is complete. Photo on the right shows the jacking pit. Stockpiles and work remain contained to the site. 7/26/06